

REQUEST FOR QUOTATION (This is NOT an Order)		1. This RFQ <input type="checkbox"/> is <input checked="" type="checkbox"/> is not a small business- set-aside		Page 1 Of
1. Request No. DAAE07-97-Q-T400	2. Date Issued 97JUL01	3. Requisition/Purchase Request No. See Schedule	4. Cert For Nat Def. Under BDSA Reg. 2 and/or DMS Reg. 1	Rating DOA4
5A. Issued By TACOM AMSTA-AQ-TB-B / WPN SYS: NL WARREN, MICHIGAN 48397-5000			6. Deliver by (Date) See Schedule	
5B. For Information Call: (Name and telephone no.) (No collect calls) DAVE MITCHELL / 810-574-6992			7. Delivery <input type="checkbox"/> FOB Destination <input checked="" type="checkbox"/> Other (See Schedule)	
8. To: Name and Address, Including Zip Code			9. Destination (Consignee and address, including Zip Code) See Schedule	
10. Please Furnish Quotations to the Issuing Office in Block 5A On or Before Close of Business (Date) 97JUL31		IMPORTANT: This is a request for information, and quotations furnished are not offers. If you are unable to quote, please indicate on this form and return it to the address in Block 5B. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any interpretations and/or certifications attached to this Request for Quotation must be completed by the quoter.		

11. Schedule (Include applicable Federal, State, and local taxes)

Item Number (a)	Supplies/Services (b)	Quantity (c)	Unit (d)	Unit Price (e)	Amount (f)
	(See Schedule)				

12. Discount For Prompt Payment	a. 10 Calendar Days %	b. 20 Calendar Days %	c. 30 Calendar Days %	FMS REQUIRED	
				d. Calendar Days	
				Number	Percentage

NOTE: Additional provisions and representations ☐ are ☐ are not attached.

13. Name and Address of Quoter (Street, City, County, State and Zip Code)	14. Signature of Person Authorized to Sign Quotation		15. Date of Quotation
	16. Signer		
	a. Name (Type or Print)	b. Telephone	
	c. Title (Type or Print)	Area Code	
			Number

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITIONS NOT USABLE

18-118

Standard Form 18 (Rev. 8-95)
Prescribed by GSA-FAR (43 CFR) 53.215-1(a)

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SECTION A - SUPPLEMENTAL INFORMATION

A-1 TACOM'S ELECTRONIC BULLETIN BOARD
TACOM

(JAN 1996)

We are now posting most of our solicitations on a menu-driven Electronic Bulletin Board (EBB). The number for the modem connection to the EBB is (810) 574-7019. The login command is "bbs." The terminal emulation is set to VT100. Internet connections are also available.

SOLICITATIONS AVAILABLE ON THE EBB: We're posting Requests for Quotation (RFQs), Invitations for Bid (IFBs), and Requests for Proposal (RFPs). RFQs posted include all of the information needed to submit a quotation except the Technical Data Package (TDP) and related attachments. IFBs and RFPs are posted for information only. When possible we are posting top level drawings and drawing lists (TDPLs).

OTHER INFORMATION AVAILABLE includes Broad Agency Announcements, Commerce Business Daily announcements, the Competition Management Shopping List, and the Advanced Procurement Planning List.

NEW ON THE EBB: We've set up a new section on the EBB called Subcontracting Opportunities. Here we'll post informational copies of our sole source solicitations. For these acquisitions we are restricted to buying from one or two selected sources. These sources may offer subcontracting opportunities to other suppliers. Appearance of a solicitation on this section of the EBB doesn't guarantee that subcontracting opportunities will be available.

QUESTIONS: For help about the EBB in general, call the EBB Help Desk at (810) 574-7059. If you have questions about a particular solicitation, call the contract specialist listed in the posting.

(END OF CLAUSE)

A-2

AMENDMENT 0001

THIS AMENDMENT DELETES THE CLAUSE 52.246-4033 (EXAMINATION/TEST) FROM SOLICITATION NUMBER DAAE07-97-Q-T400.

PLEASE RETURN ACKNOWLEDGMENT OF THIS AMENDMENT TO:

U.S. ARMY TANK-AUTOMOTIVE AND ARMAMENTS COMMAND
ACQUISITION CENTER (BID OPENING)
ATTN: AMSTA-AQ-DSA
WARREN, MICHIGAN 48397-0001

(End of narrative A001)

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AB	<p>NEW CUMBERLAND PA 17070-5001</p> <p>DOC SUPPL</p> <p>REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD</p> <p>002 W56HZV70290140 W62G2T J 3</p> <p>DAYS AFTER</p> <p>DEL REL CD QUANTITY AWARD</p> <p>001 2 420</p> <p>FOB POINT: ORIGIN</p> <p>*** CLIN 0001AA ***</p> <p>SHIP TO: PARCEL POST ADDRESS</p> <p>(W62G2T) XU DEFENSE DISTRIBUTION REGION WEST</p> <p>DISTRIBUTION DEPOT SAN JOAQUIN</p> <p>TRANS OFC BLDG 330 CRP</p> <p>LATHROP, CA 95331-0130</p> <p>FIRST ARTICLE TEST REPORT FOR ITEM 0001AA</p> <p>SECTION C - Description/Specs./Work Statement</p> <p>FIRST ARTICLE TEST REPORT, PURSUANT TO THE REQUIREMENTS OF THE CLAUSE ENTITLED 'FIRST ARTICLE APPROVAL - CONTRACTOR TESTING'. (SEE PAGES 9-10)</p> <p>THE PRICE FOR FIRST ARTICLE TESTING IN THE TOTAL AMOUNT OF \$_____, IS INCLUDED IN THE TOTAL AMOUNT(S) FOR ITEM(S) .</p> <p>(End of narrative C001)</p> <p>SECTION E - Inspection and Acceptance</p> <p>INSPECTION: DESTINATION ACCEPTANCE: DESTINATION</p> <p>SECTION F - Deliveries or Performance</p> <p>DAYS AFTER</p> <p>DEL REL CD QUANTITY AWARD</p> <p>001 1 360</p> <p>FOB POINT: DESTINATION</p> <p>*** CLIN 0001AB ***</p> <p>SHIP TO: PARCEL POST ADDRESS</p> <p>(W56HZY) SEE CLAUSE ENTITLED-FIRST ARTICLE APPROVAL -- CONTRACTOR TESTING (SECTION E) FOR DISTRIBUTION OF THIS ITEM</p>	1	LT	\$ *** NSP ***	\$ *** NSP ***

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p><u>SECTION C</u> - Description/Specs./Work Statement TOP DRAWING NR. REVISION DATE TDPL7409589 97FEB25</p> <p><u>SECTION D</u> - Packaging and Marking PACKAGING/PACKING SPECIFICATIONS AKO 7409589 UNIT PACK: 001 INTERMEDIATE PACK: 000 LEVEL PROTECTION: A LEVEL PACK: B</p> <p>MARKING OF EXTERIOR PACK TO BE SHOWN IN ACCORDANCE WITH MILSTD 129. BAR CODING REQUIREMENTS APPLY IN ADDITION TO MILSTD 129 MARKINGS. (End of narrative D001)</p> <p><u>SECTION E</u> - Inspection and Acceptance INSPECTION: ORIGIN ACCEPTANCE: ORIGIN</p> <p><u>SECTION F</u> - Deliveries or Performance DOC SUPPL <u>REL CD</u> <u>MILSTRIP</u> <u>ADDR</u> <u>SIG CD</u> <u>MARK FOR TP CD</u> 004 BTWE5470200120 BA4BYA L 3 <u>PROJ CD</u> <u>BRK BLK PT</u> BTWE00 DAYS AFTER <u>DEL REL CD</u> <u>QUANTITY</u> <u>AWARD</u> 001 2 420</p> <p>FOB POINT: ORIGIN</p> <p style="text-align: center;">*** CLIN 0001AD ***</p> <p>SHIP TO: Contractor to contact DCMAO for shipping instructions prior to shipment</p> <p>DOC SUPPL <u>REL CD</u> <u>MILSTRIP</u> <u>ADDR</u> <u>SIG CD</u> <u>MARK FOR TP CD</u> 005 BTWF5463270156 BA4BYA L 3 <u>PROJ CD</u> <u>BRK BLK PT</u> BTWF00 DAYS AFTER <u>DEL REL CD</u> <u>QUANTITY</u> <u>AWARD</u> 001 1 420</p> <p>FOB POINT: ORIGIN</p> <p style="text-align: center;">*** CLIN 0001AD ***</p> <p>SHIP TO: Contractor to contact DCMAO for</p>				

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	<p>shipping instructions prior to shipment</p> <p>DOC SUPPL</p> <p>REL CD MILSTRIP ADDR SIG CD MARK FOR TP_CD</p> <p>006 BTWF5463280114 BA4BYA L 3</p> <p>PROJ_CD BRK_BLK_PT</p> <p>BTWF00</p> <p>DAYS AFTER</p> <p>DEL_REL_CD QUANTITY AWARD</p> <p>001 1 420</p> <p>FOB POINT: ORIGIN</p> <p>*** CLIN 0001AD ***</p> <p>SHIP TO: Contractor to contact DCMAO for shipping instructions prior to shipment</p> <p>SECTION B - Supplies or Services and Prices/Costs</p> <p>NOUN: POWER TAKEOFF, TRANSMISSION</p> <p>FSCM: 19207</p> <p>PART NR: 7409589</p> <p>SECURITY CLASS: UNCLASSIFIED</p> <p>OPTION QUANTITY, PURSUANT TO SECTION H CLAUSE ENTITLED "OPTION FOR INCREASED QUANTITY -- SEPARATELY PRICED LINE ITEM"</p> <p>The quantity stated for the option CLIN DOES NOT form a part of the basic contractual quantity. Part or all of it may, however, be added to the contract by exercise of the option clause, at the discretion of the Government.</p> <p>The failure of the offeror to insert a unit price applicable to the option quantity shall mean that the offeror will supply all or any part of the option, if exercised by the Government, at the basic contract unit price, and the offer will be evaluated for award accordingly.</p> <p>(End of narrative B001)</p> <p>OPTION CLIN</p> <p>SECTION C - Description/Specs./Work Statement</p> <p>TOP DRAWING NR. REVISION DATE</p> <p>TDPL7409589 97FEB25</p>	50	EA	\$ _____	\$ _____

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p><u>SECTION D</u> - Packaging and Marking PACKAGING/PACKING SPECIFICATIONS AKO 7409589 UNIT PACK: 001 INTERMEDIATE PACK: 000 LEVEL PROTECTION: A LEVEL PACK: B</p> <p>MARKING OF EXTERIOR PACK TO BE SHOWN IN ACCORDANCE WITH MILSTD 129. BAR CODING REQUIREMENTS APPLY IN ADDITION TO MILSTD 129 MARKINGS. (End of narrative D001)</p> <p><u>SECTION E</u> - Inspection and Acceptance INSPECTION: ORIGIN ACCEPTANCE: ORIGIN</p> <p><u>SECTION F</u> - Deliveries or Performance <u>DEL REL CD</u> <u>QUANTITY</u> <u>DEL DATE</u> 001 50 Undefined</p> <p>FOB POINT: ORIGIN</p> <p>*** CLIN 0002AA ***</p> <p>SHIP TO: <u>PARCEL POST ADDRESS</u> (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.</p>				

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PART II - CONTRACT CLAUSES

SECTION I - CONTRACT CLAUSES

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available.

(End of clause)

CLAUSE TITLE	REFERENCE	DATE
1. REQUIRED SOURCES FOR JEWEL BEARINGS AND RELATED ITEMS	52.208-1.....	(APR 1984)
2. LISTING OF USED OR RECONDITIONED MATERIAL, RESIDUAL INVENTORY AND FORMER GOVERNMENT SURPLUS PROPERTY	52.210-6.....	(APR 1984)
3. NEW MATERIAL	52.211-5.....	(MAY 1995)
4. LISTING OF OTHER THAN NEW MATERIAL, RESIDUAL INVENTORY, AND FORMER GOVERNMENT SURPLUS PROPERTY	52.211-6.....	(MAY 1995)
5. OTHER THAN NEW MATERIAL, RESIDUAL INVENTORY, AND FORMER GOVERNMENT SURPLUS PROPERTY	52.211-7.....	(MAY 1995)
6. DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS	52.211-15.....	(SEP 1990)
7. NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE	52.219-6.....	(JUL 1996)
8. WALSH-HEALEY PUBLIC CONTRACTS ACT	52.222-20.....	(DEC 1996)
9. CERTIFICATION OF NONSEGREGATED FACILITIES	52.222-21.....	(APR 1984)
10. EQUAL OPPORTUNITY	52.222-26.....	(APR 1984)
11. AFFIRMATIVE ACTION FOR SPECIAL DISABLED AND VIETNAM ERA VETERANS	52.222-35.....	(APR 1984)
12. AFFIRMATIVE ACTION FOR HANDICAPPED WORKERS	52.222-36.....	(APR 1984)
13. EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA	52.222-37.....	(JAN 1988)
14. HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA	52.223-3.....	(JAN 1997)
15. PAYMENTS	52.232-1.....	(APR 1984)
16. DISCOUNTS FOR PROMPT PAYMENT	52.232-8.....	(MAY 1997)
17. ASSIGNMENT OF CLAIMS -- ALTERNATE I note: This clause applies if the contractor returns the offer (represented by the numbered purchase order) signed in acceptance.	52.232-23.....	(JAN 1986)
18. PROMPT PAYMENT	52.232-25.....	(MAY 1997)
19. MANDATORY INFORMATION FOR ELECTRONIC FUNDS TRANSFER PAYMENT	52.232-33.....	(AUG 1996)
20. DISPUTES	52.233-1.....	(OCT 1995)
21. CHANGES -- FIXED-PRICE note: This clause applies if the contractor returns the offer (represented by the numbered purchase order) signed in acceptance.	52.243-1.....	(AUG 1987)
22. INSPECTION OF SUPPLIES--FIXED PRICE	52.246-2.....	(AUG 1996)
23. RESPONSIBILITY FOR SUPPLIES	52.246-16.....	(APR 1984)
24. F.O.B. ORIGIN	52.247-29.....	(JUN 1988)
25. CLEARANCE AND DOCUMENTATION REQUIREMENTS - SHIPMENTS TO DOD AIR OR WATER TERMINAL TRANSSHIPMENT POINTS	52.247-52.....	(APR 1984)
26. TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (SHORT FORM) ote: This clause applies if the contractor returns the		

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(f) If the Government does not act within the time specified in paragraph (b) or (c) above, the Contracting Officer shall, upon timely written request from the Contractor, equitably adjust under the CHANGES clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

(g) Before first article approval, the Contracting Officer may, by written authorization, authorize the Contractor to acquire specific materials or components or to commence production to the extent essential to meet the delivery schedules. Until first article approval is granted, only costs for the first article and costs incurred under this authorization are allocable to this contract for (1) progress payments, or (2) termination settlements if the contract is terminated for the convenience of the Government. If first article tests reveal deviations from contract requirements, the Contractor shall, at the location designated by the Government, make the required changes or replace all items produced under this contract at no change in the contract price.

(h) The Government may waive the requirement for first article approval test where supplies identical or similar to those called for in the schedule have been previously furnished by the offeror/contractor and have been accepted by the Government. The offeror/contractor may request a waiver.

(i) The Contractor shall produce both the first article and the production quantity at the same facility.

(End of clause)

I-3 SMALL BUSINESS PROGRAM REPRESENTATIONS

52.219-1

(JAN 1997)

(a) (1) The standard industrial classification (SIC) code for this acquisition is (3714) .

(2) The small business size standard is (500)

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) Representations. (1) The offeror represents as part of its offer that it _____ is, _____ is not a small business concern.

(2) (Complete only if offeror represented itself as a small business concern in block (b)(1) of this section.)
The offeror represents as part of its offer that it _____ is, _____ is not a small disadvantaged business concern.

(3) (Complete only if offeror represented itself as a small business concern in block (b)(1) of this section.)
The offeror represents as part of its offer that it _____ is, _____ is not a women-owned small business concern.

(c) Definitions. "Joint venture," for purposes of a small disadvantaged business (SDB) set-aside or price evaluation preference (as prescribed at 13 CFR 124.321), is a concern that is owned and controlled by one or more socially and economically disadvantaged individuals entering into a joint venture agreement with one or more business concerns and is considered to be affiliated for size purposes with such other concern(s). The combined annual receipts or employees of the concerns entering into the joint venture must meet the applicable size standard corresponding to the SIC code designated for the contract. The majority of the venture's earnings must accrue directly to the socially and economically disadvantaged individuals in the SDB concern(s) in the joint venture. The percentage of the ownership involvement in a joint venture by disadvantaged individuals must be at least 51 percent.

"Small business concern," as used in this provision, means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and the size standard in paragraph (a) of this provision.

"Small disadvantaged business concern," as used in this provision, means a small business concern that (1) is at least 51

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percent unconditionally owned by one or more individuals who are both socially and economically disadvantaged, or a publicly owned business having at least 51 percent of its stock unconditionally owned by one or more socially and economically disadvantaged individuals, and (2) has its management and daily business controlled by one or more such individuals. This term also means a small business concern that is a least 51 percent unconditionally owned by an economically disadvantaged Indian tribe or Native Hawaiian Organization, or a publicly owned business having at least 51 percent of its stock unconditionally owned by one or more of these entities, which has its management and daily business controlled by members of an economically disadvantaged Indian tribe or Native Hawaiian Organization, and which meets the requirements of 13 CFR Part 124.

"Woman-owned small business concern," as used in this provision, means a small business concern--

(1) Which is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice. (1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small or small disadvantaged business concern in order to obtain a contract to be awarded under the preference programs established pursuant to sections 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall--

- (i) Be punished by imposition of fine, imprisonment, or both;
- (ii) Be subject to administrative remedies, including suspension and debarment; and
- (iii) Be ineligible for participation in programs conducted under the authority of the Act.

(End of provision)

I-4 RESTRICTION ON CONTINGENT FEES FOR FOREIGN MILITARY SALES
252.225-8027

(MAR 1997)

Contingent fees, as defined in the Covenant Against Contingent Fees clause of this contract, are not an allowable cost, and the contract price (including any subcontracts) shall not include any direct or indirect cost of contingent fees for Contractor (or subcontractor) sales representatives for solicitation or promotion or otherwise to secure the conclusion of the sale of any of the supplies or services called for by this contract, unless--

(a) The amount of contingent fee per foreign military sale does not exceed \$50,000; and

(b) For sales to the Government(s) of Greece and Taiwan , the contingent fees have been identified and payment approved in writing by the named Government(s) before contract award.

(End of clause)

I-5 TAXPAYER IDENTIFICATION
52.204-3

(MAR 1994)

(a) Definitions.

Corporate status, as used in this solicitation provision, means a designation as to whether the offeror is a corporate

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entity, an unincorporated entity (e.g., sole proprietorship or partnership), or a corporation providing medical and health care services.

Common parent, as used in this solicitation provision, means an offeror that is a member of an affiliated group of corporations that files its Federal income tax returns on a consolidated basis.

Taxpayer Identification Number (TIN), as used in this solicitation provision, means the number required by the IRS to be used by the contractor in reporting income tax and other returns.

(b) All Offerors are required to submit the information required in paragraphs (c) through (e) of this solicitation provision in order to comply with reporting requirements of 26 U.S.C. 6041, 6041A and 6050M and implementing regulations issued by the Internal Revenue Service (IRS). If the resulting contract is subject to reporting requirements described in FAR 4.903, the failure or refusal by the Offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(c) Taxpayer Identification Number (TIN).

- () TIN: _____
- () TIN has been applied for.
- () TIN is not required because
 - () Offeror is a nonresident alien, foreign corporation or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the U.S. and does not have an office or place of business or a fiscal paying agent in the U.S.;
 - () Offeror is an agency or instrumentality of a foreign government;
 - () Offeror is an agency or instrumentality of a state or local government;
 - () Other. State basis (from 26 U.S.C. 6041 and 6041A): _____

(d) Corporate Status.

- () Corporation providing medical and health care services or engaged in the billing and collecting of payments for such services.
- () Other corporate entity.
- () Not a corporate entity.
- () Sole proprietorship.
- () Partnership.
- () Hospital or extended care facility described in 26 CFR 501(c)(3) that is exempt from taxation under 26 CFR 501(a).

(e) Common Parent.

- () Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this provision.
- () Name and TIN of common parent:
 - Name: _____
 - TIN: _____

(End of provision)

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(a) Contractor Identification Number, as used in this provision, means "Data Universal Numbering System (DUNS) number," which is a nine-digit number assigned by Dun and Bradstreet Information Services.

(b) Contractor identification is essential for complying with statutory contract reporting requirements. Therefore, the offeror is requested to enter, in the block with its name and address on the Standard Form 33 or similar document, the annotation "DUNS" followed by the DUNS number which identifies the offeror's name and address exactly as stated in the offer.

(c) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one. A DUNS number will be provided immediately by telephone at no charge to the offeror. For information on obtaining a DUNS number, the offeror should call Dun and Bradstreet at 1-800-333-0505. The offeror should be prepared to provide the following information:

- (1) Company name.
- (2) Company address.
- (3) Company telephone number.
- (4) Line of business.
- (5) Chief executive officer/key manager.
- (6) Date the company was started.
- (7) Number of people employed by the company.
- (8) Company affiliation.

(d) Offerors located outside the United States may obtain the location and phone number of the local Dun and Bradstreet Information Services office from the Internet Home Page at the following [http: www.dbisna.com/dbis/customer/custlist.htm](http://www.dbisna.com/dbis/customer/custlist.htm). If an offeror is unable to locate a local service center, it may send an e-mail to Dun and Bradstreet at globalinfo@disma.com.

(End of provision)

I-7 ECONOMIC PURCHASE QUANTITY -- SUPPLIES
52.207-4

(AUG 1987)

(a) Offerors are invited to state an opinion on whether the quantity(ies) of supplies on which bids, proposals, or quotations are requested in this solicitation is (are) economically advantageous to the Government.

(b) Each offeror who believes that acquisitions in different quantities would be more advantageous is invited to recommend an economic purchase quantity. If different quantities are recommended, a total and a unit price must be quoted for applicable items. An economic purchase quantity is that quantity at which a significant price break occurs. If there are significant price breaks at different quantity points, this information is desired as well.

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OFFEROR RECOMMENDATIONS

<u>ITEM</u>	<u>QUANTITY</u>	<u>PRICE QUOTATION</u>	<u>TOTAL</u>

(c) The information requested in this provision is being solicited to avoid acquisitions in disadvantageous quantities and to assist the Government in developing a data base for future acquisitions of these items. However, the Government reserves the right to amend or cancel the solicitation and resolicit with respect to any individual item in the event quotations received and the Government's requirements indicate that different quantities should be acquired.

(End of provision)

I-8 JEWEL BEARINGS AND RELATED ITEMS CERTIFICATE
52.208-2 (APR 1984)

(a) This is to certify that--

(1) Jewel bearings and/or related items, as defined in the REQUIRED SOURCES FOR JEWEL BEARINGS AND RELATED ITEMS clause, (check one)

- () will be incorporated into one or more items covered by this offer;
() will not be incorporated into any item covered by this offer;

(2) Any jewel bearings required (or an equal quantity of the same type, size, and tolerances) will be ordered from the William Langer Plant, Rolla, North Dakota 58367, as provided in the REQUIRED SOURCES FOR JEWEL BEARINGS AND RELATED ITEMS clause; and

(3) Any related items required (or an equal quantity of the same type, size, and tolerances) will be acquired from domestic manufacturers, including the Plant, if the items can be obtained from those sources.

(b) Attached to this certificate are estimates of the quantity, type, and size (including tolerances) of the jewel bearings and related items required, and identification of the components, subassemblies, or parts that require jewel bearings or related items.

DATE OF EXECUTION: _____

SOLICITATION NUMBER: _____

NAME: _____

TITLE: _____

FIRM: _____

ADDRESS: _____

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(End of provision)

I-9 AVAILABILITY OF SPECIFICATIONS LISTED IN THE DOD INDEX OF SPECIFICATIONS AND STANDARDS (DODISS)
52.211-2 (FEB 1997)

Single copies of specifications cited in this solicitation may be obtained by submitting a written request to the supply point listed below. The request must contain the title of the specification, its number, date, applicable amendment(s), and the solicitation or contract number. A telephone order entry system is available with the use of a touch-tone telephone. A Customer Number is required to use this system, and may be obtained by written request to the address listed below or by telephone (215-697-2179). In case of urgency, telephone or telegraphic requests are acceptable. Voluntary standards, which are not available to offerors and contractors from Government sources, may be obtained from the organization responsible for their preparation, maintenance, or publication.

STANDARDIZATION DOCUMENT ORDER DESK
Building 4, Section D
700 Robbins Avenue
Philadelphia, PA 19111-5094

Facsimile No. . . . 215-697-2978
Telephone Order Entry System (TOES) . . (215)-697-1187 through (215)-697-1197
(End of provision)

I-10 NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE USE
52.211-14 (MAY 1986)

Any contract awarded as a result of this solicitation will be a
() DX rated order;
(X) DO rated order

certified for national defense use under the Defense Priorities and Allocations System (DPAS) (15 CFR 350), and the Contractor will be required to follow all of the requirements of this regulation.
(End of provision)

I-11 VARIATION IN QUANTITY
52.211-16 (APR 1984)

(a) A variation in the quantity of any item called for by this contract will not be accepted unless the variation has been caused by conditions of loading, shipping, or packing, or allowances in manufacturing processes, and then only to the extent, if any, specified in paragraph (b) below.

(b) The permissible variation shall be limited to:
ZERO percent increase; and
ZERO percent decrease.

This increase or decrease shall apply to THE TOTAL CONTRACTUAL QUANTITY.

(End of clause)

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I-12 WALSH-HEALEY PUBLIC CONTRACTS ACT REPRESENTATION
52.222-19

(APR 1984)

The offeror represents as a part of this offer that the offeror

- () IS a regular dealer in the supplies offered
() IS NOT a regular dealer in the supplies offered, or

- () IS a manufacturer of the supplies offered.
() IS NOT a manufacturer of the supplies offered.

(End of provision)

I-13 PREVIOUS CONTRACTS AND COMPLIANCE REPORTS
52.222-22

(APR 1984)

The offeror represents that--

- (a) It () has
() has not

participated in a previous contract or subcontract subject either to the EQUAL OPPORTUNITY clause of this solicitation, the clause originally contained in Section 310 of Executive Order No. 10925, or the clause contained in Section 201 of Executive Order No. 11114:

- (b) It () has
() has not

filed all required compliance reports; and

(c) Representations indicating submission of required compliance reports, signed by proposed subcontractors, will be obtained before subcontract awards.

(End of provision)

I-14 AFFIRMATIVE ACTION COMPLIANCE
52.222-25

(APR 1984)

The offeror represents that

- (a) It () has developed and has on file
() has not developed and does not have on file,

at each establishment, affirmative action programs required by the rules and regulations of the Secretary of Labor (41 CFR 60-1 and 60-2), or

(b) It () has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

(End of provision)

I-15 OZONE-DEPLETING SUBSTANCES
52.223-11

(JUN 1996)

(a) Definition

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Ozone-depleting substance, as used in this clause, means any substance designated as Class I by the Environmental Protection Agency (EPA) (40 CFR Part 82), including but not limited to chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or any substance designated as Class II by EPA (40 CFR Part 82), including but not limited to hydrochlorofluorocarbons

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j(b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

WARNING: Contains (or manufactured with, if applicable) _____ * _____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

*The Contractor shall insert the name of the substance(s).

(End of clause)

I-16 SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS
52.244-6

(OCT 1995)

(a) Definition.

"Commercial item," as used in this clause, has the meaning contained in the clause at 52.202-1, Definitions.

"Subcontract," as used in this clause, includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

(b) To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

(c) Notwithstanding any other clause of this contract, the Contractor is not required to include any FAR provision or clause, other than those listed below to the extent they are applicable and as may be required to establish the reasonableness of prices under Part 15, in a subcontract at any tier for commercial items or commercial components:

- (1) 52.222-26, Equal Opportunity (E.O. 11246);
- (2) 52.222-35, Affirmative Action for Special Disabled and Vietnam Era Veterans (38 U.S.C. 4212(a));
- (3) 52.222-36, Affirmative Action for Handicapped Workers (29 U.S.C. 793); and
- (4) 52.247-64, Preference for Privately-Owned U.S.-Flagged Commercial Vessels (46 U.S.C. 1241) (flow down not required for subcontracts awarded beginning May 1, 1996).

(d) The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.

(End of Clause)

I-17 AUTHORIZED DEVIATIONS IN CLAUSES
52.252-6

(APR 1984)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the date of the clause.

(b) The use in this solicitation or contract of any DoD FAR Supplement (DFARS) (48 CFR 2) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the name of the regulation.

(End of clause)

I-18 COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE REPORTING
252.204-7001

(DEC 1991)

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(a) The offeror is requested to enter its CAGE code on its offer in the block with its name and address. The CAGE code entered must be for that name and address. Enter CAGE before the number.

(b) If the Offeror does not have a CAGE code, it may ask the Contracting Officer to request one from the DefenseLogistics Services Center (DLSC). The Contracting Officer will--

(1) Ask the Contractor to complete section B of a DD Form 2051, Request for Assignment of a Commercial and Government Entity (CAGE) code;

(2) Complete section A and forward the form to DLSC; and

Notify the Contractor of its assigned CAGE code.

(c) Do not delay submission of the offer pending receipt of a CAGE code.

(End of provision)

I-19 SMALL DISADVANTAGED BUSINESS CONCERN REPRESENTATION (DOD CONTRACTS)
252.219-7000

(JAN 1997)

(a) Definition.

Small disadvantaged business concern, as used in this provision, means a small business concern, owned and controlled by individuals who are both socially and economically disadvantaged, as defined by the Small Business Administration at 13 CFR Part 124, the majority of earnings of which directly accrue to such individuals. This term also means a small business concern owned and controlled by an economically disadvantaged Indian tribe or Native Hawaiian organization which meets the requirements of 13 CFR 124.112 or 13 CFR 124.113, respectively. In general, 13 CFR Part 124 describes a small disadvantaged business concern as a small business concern--

(1) Which is at least 51 percent unconditionally owned by one or more socially and economically disadvantaged individuals; or

(2) In the case of any publicly owned business, at least 51 percent of the voting stock is unconditionally owned by one or more socially and economically disadvantaged individuals; and

(3) Whose management and daily business operations are controlled by one or more such individuals.

(b) Representations. Check the category in which your ownership falls--

() Subcontinent Asian (Asian-Indian) American (U.S. citizen with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, or Nepal)

() Asian-Pacific American (U.S. citizen with origins from Japan, China, the Philippines, Vietnam, Korea, Samoa, Guam, U.S. Trust Territory of the Pacific Islands, (Republic of Palau), the Northern Mariana Islands, Laos, Kampuchea (Cambodia), Taiwan, Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Republic of the Marshall Islands, or the Federated States of Micronesia)

() Black American (U.S. citizen)

() Hispanic American (U.S. citizen with origins from South America, Central America, Mexico, Cuba, the Dominican Republic, Puerto Rico, Spain, or Portugal)

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() Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians, including Indian tribes or Native Hawaiian organizations)

() Individual/concern, other than one of the preceding, currently certified for participation in the Minority Small Business and Capital Ownership Development Program under Section 8(a) of the Small Business Act

() Other

(c) Certifications. Complete the following--

(1) The offeror is ()
is not () a small disadvantaged business concern.

(2) The Small Business Administration (SBA) has ()
has not ()

made a determination concerning the offeror's status as a small disadvantaged business concern. If the SBA has made a determination, the date of the determination was

and the offeror--

() Was found by SBA to be socially and economically disadvantaged and no circumstances have changed to vary that determination.

() Was found by SBA not to be socially and economically disadvantaged but circumstances which caused the determination have changed.

(d) Penalties and Remedies. Anyone who misrepresents the status of a concern as a small disadvantaged business for the purpose of securing a contract or subcontract shall--

- (1) Be punished by imposition of a fine, imprisonment, or both;
 - (2) Be subject to administrative remedies, including suspension and debarment; and
 - (3) Be ineligible for participation in programs conducted under the authority of the Small Business Act.
- (End of provison)

I-20 BUY AMERICAN ACT-BALANCE OF PAYMENTS PROGRAM CERTIFICATE
252.225-7000 (NOV 1990)

(a) The offeror hereby certifies that each end product, except the end products listed below, is a domestic end product (as defined in the clause entitled BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM) and that components of unknown origin have been considered to have been mined, produced, or manufactured outside the United States or a qualifying country.

Foreign End Products

<u>Line Item No.</u>	<u>Country of Origin</u>
_____	_____
_____	_____

(List all qualifying country end products and all nonqualifying country end products)

(b) Offers will be evaluated by giving preferences to domestic end products and foreign qualifying country end products over foreign nonqualifying country end products. In order to obtain such preference in the evaluation of each foreign end product

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listed in (a), it is necessary that offerors identify and certify, those foreign end products identified in paragraph (a) that are qualifying country end products or they will be deemed nonqualifying country end products. Offerors must certify by stating the applicable line item numbers below.

The offeror certifies that the following supplies are qualifying country end products as defined in the clause entitled Buy American Act and Balance of Payments Program.

(_____)

(Insert line item no.)

(End of provision)

I-21 MATERIAL INSPECTION AND RECEIVING REPORT
252.246-7000

(DEC 1991)

At the time of each delivery of supplies or services under this contract, the Contractor shall prepare and furnish to the Government a material inspection and receiving report in the manner and to the extent required by Appendix F, Material Inspection and Receiving Report, of the Defense FAR Supplement.

(End of clause)

I-22 SUPPLEMENTAL STATEMENT OF WORK: TAILORING OF QQ-C-320 TO ELIMINATE USE OF CLASS I OZONE-DEPLETING SUBSTANCES (CIODS)
TACOM

(SEP 1994)

The following information applies to QQ-C-320, which is incorporated in the technical data package or specification for this contract.

For purposes of performance under this contract you shall, when meeting the requirements of paragraphs 3.2.3 of QQ-C-320C, comply with MIL-S-5002D, Amendment 1 (dated 24 Mar 94).

(END OF CLAUSE)

I-23 SUPPLEMENTAL STATEMENT OF WORK: TALORING OF MIL-C-16173 TO ELIMINAE USE OF CLASS I OZONE-DEPLETING SUBSTANCES (CIODS)
TACOM

(JUL 1995)

The following change applies to MIL-C-16173E, dated 6 Jan 93, which is in the technical data package (TDP) or specification for this contract. Paragraph 5.2.2.3 requires steel drums be painted with TT-E-485 topcoat, which indirectly employs Class I Ozone-Depleting Substance or CIODS. Therefore, to minimize the use of CIODS per current law, MIL-C-16173E is changed as follows:

When meeting the requirements of paragraph 5.2.2.3, you shall perform testing per paragraph 4.4 of Test Method 7356.1 of FED-STD-141C, Change Notice 2, dated 10 Dec 93 to comply with paragraph 4.3.4.3 of TT-E-485F, Notice 1, dated 25 Feb 91.

(END OF CLAUSE)

I-24 SUPPLEMENTAL STATEMENT OF WORK: TAILORING OF QQ-P-416 TO ELIMINATE USE OF CLASS I OZONE-DEPLETING SUBSTANCES (CIODS)
TACOM

(JUN 1995)

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The following change applies to QQ-P-416F, Amendment 1, dated 1 Mar 93, which is part of the technical data package or specification for this contract. Paragraphs 3.2.3 and 3.2.9.2 of QQ-P-416F, Amendment 1, respectively, require cleaning per MIL-S-5002 and phosphating per TT-C-490. Both requirements involve or permit the use of Class I Ozone-Depleting Substances, or CIODS. Therefore, in order to minimize the use of CIODS per current law, QQ-P-416F is tailored as follows:

You shall comply with MIL-S-5002, Amendment 1, dated 24 Mar 94 and TT-C-490D, Interim Amendment 1, dated 14 Sep 94 when meeting the requirements of paragraphs 3.2.3 and 3.2.9.2 of QQ-P-416F, Amendment 1, respectively.

(END OF CLAUSE)

I-25 NOTICES REGARDING FIRST ARTICLE TEST REQUIREMENT
52.209-4000

(FEB 1995)

(a) The approved First Article item(s), as described elsewhere in this order, will not be consumed or destroyed in testing. (Where the approved First Article quantity will be consumed or destroyed in testing, it shall not be delivered as part of the contractually required quantity as set forth in the schedule of supplies. The cost of the supplies so consumed or destroyed shall be included in the overall offer or contract price.)

(b) The approved First Article item(s) will serve as a manufacturing standard. (If the approved First Article quantity will serve as a manufacturing standard, it may be delivered as part of the contractual quantity with the last scheduled shipment as provided in the delivery schedule of the order.)

I-26 ACCELERATED DELIVERY SCHEDULE FOR WAIVER OF FIRST ARTICLE TESTING
52.209-4002

(MAY 1996)

1. All suppliers are required to submit quotations conforming to the delivery schedule as set forth in Section B.

2. However, if the successful supplier is granted a waiver of the First Article Test requirement as set forth in the clause entitled FIRST ARTICLE APPROVAL, the required delivery schedule in the resulting purchase order shall be accelerated by (120) days, to reflect the removal of leadtime originally included in the delivery schedule to provide for manufacturing, testing, and approval of the first article.

3. If the successful supplier does not obtain a waiver of the First Article Test requirement, the delivery schedule as set forth in Section B shall apply.

(End of clause)

I-27 CONTRACT PRICE REDUCTION FOR WAIVER OF REQUIRED FIRST ARTICLE APPROVAL
52.209-4005

(APR 1987)

(a) All offerors are required to insert an amount for 0001AA which includes the full price for First Article testing.

(b) In addition, those offerors intending to request a waiver of the First Article Approval requirement, as described elsewhere in this order, shall insert the total price for First Article Testing under Item 0001AB (see the supplies schedule of this solicitation). If the successful offeror requests and is granted a waiver, the dollar amount entered for item 0001AB will be deducted from the total amount cited for 0001AA. The remaining dollar amount will constitute the price at which award will be made.

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(c) See the provision entitled EVALUATION FACTORS FOR FIRST ARTICLE TEST REQUIREMENT for information on the procedures to be used by the Government in evaluating competing offers when not every offeror requests a waiver of First Article Testing.

I-28 EVALUATION FACTORS FOR FIRST ARTICLE TEST REQUIREMENT
52.209-4006

(APR 1987)

a. If the offeror submits a request for waiver of First Article Testing but fails to comply with the requirements of the provision entitled PROVISION FOR WAIVER, the requested waiver may not be granted. If the waiver is not granted, more favorable alternative offers of price or delivery, conditioned upon the granting of a waiver, will not be considered in the evaluation process

b. DELIVERY EVALUATION FACTORS

- (1) As specified elsewhere in this solicitation, the Government reserves the right to waive the requirement entitled FIRST ARTICLE APPROVAL, and will require an accelerated delivery schedule if the successful offeror is granted such a waiver. However, in no case will a delivery schedule predicated upon waiver of the First Article Test requirement be considered as an evaluation factor for award, even if such a schedule would be more advantageous to the Government.
- (2) If an offeror requests waiver of First Article Testing but takes exception to the accelerated delivery schedule set forth elsewhere herein, such offeror shall not be considered eligible for the requested waiver. In consequence, any award to that offeror shall be based upon the delivery schedule indicated in the clause entitled REQUIRED DELIVERY SCHEDULE, including all First Article Requirements.

c. PRICE EVALUATION FACTORS. As specified elsewhere in this solicitation, the Government reserves the right to waive the requirement entitled FIRST ARTICLE APPROVAL, and requests the price of the proposed First Article Test (at the schedule of supplies, Item 0001AB) from offerors who elect to seek such a waiver. In the event that the offeror requests and receives a waiver of First Article Test requirements, the price for such testing, as identified by the offeror in the supplies schedule, Item 0001AB, shall be deducted from the total price otherwise cited for the materiel herein solicited. The offer will then be evaluated for award at the resulting alternate price.

- (1) If the offeror requests a waiver of First Article Test requirements, but fails to separately identify the cost of First Article Testing in the schedule of supplies, Item 0001AB of this solicitation, the Government reserves the right to evaluate the offer based upon the price for 0001AA, and to require that offeror perform on the contract at such price whether or not the First Article Requirement is waived, at no additional cost to the Government.
- (2) If the offeror requests but is not granted a waiver of First Article Testing, evaluation for award will be based upon the full amount entered for 0001AA: the amount entered for item 0001AB will not be deducted by the Government.

I-29 UNIT PACK QUANTITY
52.211-4014

(OCT 1987)

For purposes of determining the level at which unit identification and marking are required on this action per specification AK07409589 , the unit pack quantity that applies to items is one (1).

I-30 CONFIGURATION CONTROL--ENGINEERING CHANGES, DEVIATIONS, AND WAIVERS
52.211-4015

(SEP 1995)

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DAAE07-97-Q-T400

(a) DEFINITIONS:

(1) Engineering change proposal (ECP). An ECP is a suggestion that we (the Government) permanently change some requirement of the technical data package (TDP). ECPs can be issued before or during contract performance.

NOTE: MIL-STD-973 allows us ninety days to process routine ECPs. If you (the contractor) need a response in less than ninety days to meet contract requirements, you should consider submitting a waiver or deviation along with your ECP.

(2) Deviation. A deviation request (RFD) is a one-time request to deviate from TDP requirements. You must submit your deviation request before you deviate from the TDP requirements. You can request a deviation for a specific number of parts or the entire contract quantity.

(3) Waiver. A waiver request (RFW) is a one-time request that we accept one or more items from a production run that don't conform to TDP requirements. Waivers are submitted after the nonconformance has occurred. They are usually for a specific number of units.

(b) When will TACOM start processing change requests? TACOM won't start processing any ECP or RFD/RFW until we receive the ACO's comments (see paragraph (d)) and the required number of copies of the ECP or RFD/RFW documentation.

(c) Contractor Responsibility. Whenever you submit an ECP or RFD/RFW, you must follow the instructions in MIL-STD-973 (as tailored in the following paragraphs).

(1) Engineering Change Proposals--Required Content. ECPs must:

a. follow the short form procedure in MIL-STD-973.

- (A) paragraphs 5.4.8 - 5.4.8.2.1;
- (B) paragraphs 5.4.8.2.4 - 5.4.8.2.7; and
- (C) Appendix D instructions.

b. include:

- (A) requirements for notices of revision (NOR).
(Instructions for NORS are in MIL-STD-973, paragraph 5.4.7 and Appendix G.)
- (B) copies of drawings that you've clearly
[sp19] marked to identify the proposed change.
- (C) any other documentation that will help us
review your proposed change.

c. have the weapon system code in block 8 of DD Form 1692. (The Weapon System Code is a two-digit code. You can find it in block 6 of the Contract/Award cover sheet.)

(2) Engineering Change Proposals -- Submittal Procedures.

- a. Send original and 8 legible copies of the ECP to
USATACOM, ATTN: AMSTA-TR-E, MS:-1-, Warren, MI 48397-5000.
- b. Send one legible copy of the ECP to your ACO.
- c. WARNING - If you don't submit complete, legible,
packages per paragraphs a and b above, we may
return your ECPs without processing them.

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(3) Requests for Deviations/Waivers -- Required Content. You must:

- a. Prepare RFD/Ws per MIL-STD-973.
 - (A) paragraphs 5.4.8.3 - 5.4.8.3.4;
 - (B) Appendix E instructions.
- b. Include marked drawings and any other documentation that we'll need to review the proposed RFD/W.
- c. Place the weapon system code in block 7c of DD Form 1694. (You can find the Weapon System Code in block 6 of the Contract/Award cover sheet.
- d. Identify the number of parts affected in block 17 of DD Form 1694.

(4) Requests for Deviations/Waivers -- Submittal Requirements. You must submit the original and six complete legible copies of the RFD/W to your ACO.

(d) ACO Responsibility. Within ten working days from the day you receive the contractor's request, the ACO must prepare DD Form 1998 "Comments on Deviation, Waiver, or Engineering Change Request" and forward it as follows:

- a. ECPs. Send original and two complete, legible copies of the DD Form 1998 with a copy of the contractor's request to USATACOM, AMSTA-TR-E, MS:-2-Warren, MI 48397-5000.
- b. RFDs and RFWs. Send the original and five complete, legible copies of both the DD Form 1998 and the contractor's request to USATACOM, ATTN: AMSTA-TR-E, MS:-3-, Warren, MI 48397-5000.

(e) Approval of ECPs, RFDs, and RFWs.

- a. ECPs should be used to make permanent changes in the Government Technical Data Package (TDP). Contractual relief should be requested using a Request for Deviation or Waiver. This is because the Government requires more time to analyze any proposal to permanently change the specification or TDP. Cost saving improvements to the TDP should be submitted as a VECP, if a VE clause is contained in the contract.
- b. ECPs. TACOM will review and make a decision within the ninety day timeframe established by MIL-STD-973. We'll notify you of our decision per paragraphs 5.4.8.2.6 and 5.4.8.2.7 of MIL-STD-973.
- c. RFDs/RFWs. Per MIL-STD-973, we'll review and make a decision about RFDs and RFWs within thirty days from the date we receive them from the ACO.

(f) Processing Emergency and Urgent ECPs.

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Ordinarily, ECPs submitted by the contractor will be deemed routine. If you submit an ECP that you consider to be an emergency or urgent (as defined in MIL-STD- 973), you must immediately notify the PCO. TACOM will review the criticality of the ECP, and, if we determine that it is urgent or critical, we'll follow the appropriate processing time-frames in paragraph 5.4.2.3.1.1 of MIL-STD-973 or notify you otherwise.

(g) Reminder - Only the PCO can change the Contract. NO OTHER GOVERNMENT REPRESENTATIVE is authorized to make a commitment for, or bind the Government.

(h) Questions.

a. Questions about preparation and submittal of change request. Call 810/574-6307 (Cary Hoffman)

b. Questions about the status of change requests you've already submitted. Call the buyer. You can find the buyer's name and number in block 7 of the solicitation cover sheet (SF 33).

(END OF CLAUSE)

I-31 SEPARATELY PRICED OPTION FOR INCREASE QUANTITY
52.217-4000

(JUN 1997)

(a) The Government hereby reserves the right to increase the quantity of items on this purchase order by an additional number of units, up to a total of 50. The unit price for such option quantity shall be as set forth in CLIN 0002AA. This option may be exercised by the Government at any time, but in any event not later than 90 days after final first-article approval, or, if FAT is waived, award. In addition, such option may be exercised in increments, subject to the stated total additional quantity limitations, price(s), and the above-stated time for exercise of the option.

(b) Delivery of the items added by the exercise of this option shall continue immediately after, and at the same rate as, delivery of like items called for under this contract, unless the parties hereto otherwise agree.

(c) Additionally, prior to the expiration of the original option period identified in paragraph (a) above, the Government may seek a bilateral extension of the option period for an additional period not to exceed 90 days from the expiration date of the original option period.

I-32 ROUTING OF SPECIAL PROCESS APPROVALS
52.242-4008

(JAN 1988)

(a) Per specification MIL-S-12515 AND TT-C-490, incorporated in the Technical Data Package (TDP) that forms a part of this contract, the Contractor may be required to secure advance approval from the Government for one or more special processes that are involved in the production of the contract item.

(b) Such procedures, if applicable, will be prepared as required by the specification, and will be routed through the Administrative Contracting Officer (ACO) for his or her review and comments, before being sent to the Procuring Contracting Officer at TACOM (address on the face page of this contract) for final approval.

(c) The Contractor shall cite (i) the contract number, and (ii) the governing specification or standard on all procedures being forwarded for approval in conformance with this contract.

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(b) Note that if a waiver is granted to the successful offeror, an accelerated delivery schedule will apply.

I-36 UNIQUE ADMINISTRATION OR PAYMENT SITE
52.211-4009

(FEB 1995)

WHEN OFFEROR DESIRES CONTRACT ADMINISTRATION TO BE PERFORMED, AND/OR PAYMENT TO BE MADE, AT OTHER THAN ADDRESS IN BLOCK 14 OF THE SF 18, INDICATE BELOW:

(Contract Administration Site:)

(Payment Site:)

I-37 ACQUISITION OF MAUFACTURER'S PART NUMBER: COMPONENTS
52.211-4010

(FEB 1995)

One or more of the drawings for part of the contract item set forth in the Schedule and in the Technical Data Package specify manufacturer's part numbers. Since complete Government technical data for such part or parts are not available, it is understood that the Contractor, by accepting this contract, agrees to furnish only the listed manufacturer's part number(s) for those components of the contract item, except as provided in the provision entitled NOTICE REGARDING "SOURCE-CONTROLLED" COMPONENTS located elsewhere herein. It is further understood and agreed that references to manufacturer's part numbers herein shall be deemed to include all changes or revisions thereto which the approved manufacturer has made effective as of the first date of delivery of any of the items under this contract; provided, that no change or revision that affects the interchangeability (ability to be interchanged with previous parts and to match with all mating parts when assembled) of the listed manufacturer's part shall be incorporated into the contract item without the prior written approval of the Procuring Contracting Officer.

I-38 BAR CODE MARKING
52.211-4013

(FEB 1997)

Shipments of items delivered and the application of bar-code labels shall be by NGS AIM BC-1 and MIL-STD-129M.

The following requirements under Section 4.5, Bar Code markings, paragraphs 4.5.1.1, 4.5.1.2, and 4.5.1.7 are as follows:

4.5.1.1 The bar coded NSN/NATO stock number will consist of the basic 13 data characters. Prefixes, suffixes to the stock number, spaces, dashes and part number will not be bar coded.

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4.5.1.2 For all contracts, each exterior shipping container will be bar coded with the following:

- (1) NSN/ NATO stock number
- (2) Contract or order number (including call number)
- (3) CAGE code of the company awarded
- (4) Contract Line Item Number (CLIN), when used the NSN will be bar coded as in 4.5.1.1.

4.5.1.7 On other than wood containers, bar code marking will be applied by labeling or by direct printing on the container.

(End of Clause)

I-39 CONFIGURATION CONTROL: ENGINEERING CHANGES, DEVIATIONS, AND WAIVERS
52.211-4015

(OCT 1992)

(a) Definitions

ENGINEERING CHANGE PROPOSAL (ECP) An ECP is a suggestion that the Government permanently augment or change some requirement of the TDP. ECPs may be issued at any time before or during performance on the contract.

DEVIATION A deviation is a one-time request for authorization to deviate from a requirement of the Technical Data Package (TDP). Deviations are submitted before commencing production under the contract, and cover the whole of the anticipated production run.

WAIVER A waiver is a one-time request that the Government accept one or more items from a production run that do not conform to a TDP requirement. Waivers are submitted after production commences, and cover an item or group of items from the production run.

(b) Contractor Responsibility Whenever the Contractor desires to submit an Engineering Change Proposal (ECP) or Request for Deviation/Waiver (RFD/W), it will be prepared in the manner specified in MIL-STD-973. Note, however, that TACOM will not initiate formal action on any ECP or RFD/W until the ACO's comments are received with a copy (or copies) of the ECP or RFD/W documentation.

(1) Engineering Change Proposals Each ECP package shall identify the weapon system affected and include marked up drawings, Quality Assurance Requirements (QARs), and any other technical data necessary to accurately describe the existing requirement and the proposed change to that requirement. (The weapon system can be found as a two-character code on the Award/Contract cover sheet, in the issued by block following WPN SYS.) The contractor shall place this code on the top of the ECP form. The contractor shall submit ECPs as follows:

- a. Send nine legible complete copies of the ECP to: TACOM, ATTN: AMSTA-GDCC, Warren, MI 48397-5000.
- b. Send original and one complete, legible copy to the contractor's cognizant Administrative Contracting Officer (ACO).
- c. Send one informational copy to: TACOM, ATTN: AMSTA-IC, Warren, MI 48397-5000.

Failure of the contractor to submit complete, legible ECP packages, indicated in (1)a-c above, will constitute an incomplete submittal. Incomplete packages may be returned without processing.

(2) Requests for Deviations/Waivers The contractor shall identify the weapon system affected. (The weapon system can be found as a two-character code, on the Award/Contract cover sheet, in the issued by block, following WPN SYS.) The contractor shall place this code on the top of the RFD/W form. Submit RFDs and RFWs as follows:

- a. Send original and six complete, legible copies of the RFD/W to the contractor's cognizant Administrative

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Contracting Officer (ACO).

b. Send one informational copy to: TACOM, ATTN: AMSTA-IC, Warren, MI 48397-5000.

(c) ACO Responsibility Within ten working days of receipt of contractor's request, the ACO will prepare DD Form 1998, COMMENTS ON DEVIATION, WAIVER, OR ENGINEERING CHANGE REQUEST, and will forward same, along with the contractor's request, as outlined below:

(1) For ECPs, send original and two complete, legible copies of the DD Form 1998 and with a copy of the contractor's request to: TACOM, ATTN: AMSTA-GDCC, Warren, MI 48397-5000.

(2) For RFDs and RFWs, send original and five complete, legible copies of both the DD Form 1998 and the contractor's request to: TACOM, ATTN: AMSTA-GDCC, Warren, MI 48397-5000.

(3) For ECPs and RFD/Ws, send one information copy of DD Form 1998 and contractor's request to: TACOM, ATTN: AMSTA-IC, Warren, MI 48397-5000.

(d) The contractor is advised that contractual changes are made only by the Procuring Contracting Officer (PCO) or his authorized representative. No other Government representative, whether in the act of technical supervision or of administration, is authorized to make any commitment to the contractor concerning performance or waivers proposed by the contractor. Note that submittal of change requests will not affect contractual delivery schedules.

(End of clause)

I-40 SPECIAL TESTING REQUIREMENTS FOR CHEMICAL AGENT RESISTANT COATINGS (CARC) ON METALLIC SURFACES
52.211-4030 (MAY 1989)

a) Application: MIL-C-46168
MIL-C-53039

(b) End-Item Paint Inspection: After the complete paint finish has been applied and cured* (See *Note, below), the Contractor shall test and inspect two units per lot for (i) workmanship, (ii) total paint film thickness, and (iii) paint adhesion. Unless otherwise agreed to between the Contractor and the cognizant Government quality assurance representative, a lot shall be defined as all units submitted for final Government acceptance at one time. The use of test panels in lieu of actual production units is prohibited. At final inspection, the cumulative total paint film thickness of pretreatment, primer, and topcoat shall at a minimum conform to the sum of the minimum thicknesses for individual elements of the paint finish as specified in Table I herein. Sufficient locations shall be spot-checked to ensure proper workmanship and paint thickness uniformity. The size and configuration of the unit as well as the number of vendors responsible for the paint finish of component parts shall be taken into consideration in determining the number of locations to be checked. The specific number of test locations shall be agreed to by the cognizant Government quality assurance representative in advance. In addition, two locations on each sample unit shall be selected to conduct the scribe tape test. The test locations shall be routinely varied among the following:

1. Directly adjacent to a weld
2. On or directly adjacent to a machine cut or sheared edge.
3. On any mechanically formed surface when lubricants/drawing compounds were used.
4. On paint touch-up areas.

(c) The precise location for each scribe tape test shall be in an inconspicuous location that has been accepted by the cognizant Government quality assurance representative before the test is conducted.

(d) Upon completion of the scribe tape test, the scribe marks shall be feathered into the adjacent area and touched up with the required top coat so that the tested area again conforms to the applicable minimum specified in Table I herein.

*Note: The complete paint finish is defined as the pretreatment, primer, and topcoat applied to the substrate. Curing of the complete paint finish is dependent upon temperature, humidity, and paint film thickness. The time necessary to achieve sufficient

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adhesion to pass the scribe tape test must be determined by each facility. For purposes of this test, curing at ambient temperature will take from 24 to 168 hours.

(e) Test Methods:

1. Film Thickness. Film thickness shall be verified with a nondestructive film gage. The gage shall be suitable for measurements over the applicable substrate material and shall have sufficient accuracy to ensure compliance to the thickness limitations. The gage shall be capable of being calibrated. If no other calibration specification or requirement is identified elsewhere in this contract, then the gage shall be calibrated in accordance with MIL-STD-45662.

2. Scribe Tape Test. The following test procedure shall be followed. The test surface shall be sufficiently warm and dry to ensure adhesion of the tape. All dimensions cited in this Scribe Tape Test description are approximate:

(a) Scribe four one-inch lines completely through the paint finish to the substrate, one sixteenth to three thirty-seconds of an inch apart.

(b) Scribe four additional one-inch lines, completely through the paint finish, one sixteenth to three thirty-seconds of an inch apart, rotated 90 degrees with respect to the first set of lines. The resulting pattern shall contain nine squares.

(c) Press a length of A-A-1830, A-A-884, or any commercially available tape with a minimum adhesion rating of 45 oz. per inch of width firmly over the scribed pattern, rubbing out all air pockets.

(d) Wait 10 seconds, minimum. Grasp a free end of the tape and at a rapid speed strip it from the paint surface by pulling the tape back upon itself at 180 degrees.

(f) Interpretation of Test Results

1. Film Thickness. All applicable surfaces shall have complete paint coverage. A minimum of 75% of the applicable surfaces of each test unit shall meet the minimum, cumulative dry film thickness requirements. Failure of either test unit shall result in rejection of the production lot that it represents.

2. Scribe Tape Test (Adhesion). The removal of two or more complete squares of top coat, or top coat-primer-pretreatment coating, from either test unit constitutes test failure and the production lot from which it comes is rejected. Removal of overspray does not constitute test failure.

COATING THICKNESS

SPECIFICATION	DRY FILM THICKNESS (Mils)
MIL-P-15328	0.3 - 0.5
MIL-P-23377	1.0 - 1.5
MIL-P-52192	1.0 - 1.5
MIL-P-53022	1.0 - 1.5
MIL-P-53030	1.0 - 1.5
MIL-C-46168	1.8 minimum
MIL-C-53039	1.8 minimum.

Notice: The scribe tape test is designed to detect any deficiency in the paint application process that would affect the

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durability of the CARC finish. Typical causes of failure are:

- (1) Inadequate cleaning of the substrate.
- (2) Contamination of the surface between coatings.
- (3) Excessive paint film thickness in a single coating application.
- (4) Application of a coating over a previous coating which has not been adequately cured.

It is strongly recommended that the Contractor implement rigid in-process controls in conjunction with the best industrial painting practices to ensure that the performance requirements specified in this clause are met.

I-41 IDENTIFICATION OF OFFERED PART NUMBER
52.211-4034 (NOV 1982)

a. Offers in response to this solicitation are to be made on the contract item as defined in the Item Schedule and in the accompanying Technical Data Package (TDP). Any offer made on an item that does not exactly conform to the descriptions and specifications in the TDP will not be considered for contract award. However, if the offeror manufactures or regularly sells the contract item under a part number designation other than the one set forth in the Schedule herein, that part number and revision or specification information shall be set forth in the spaces provided below.

Contract Line Item Number (CLIN)	Manufacturer's Part number	Drawing/Specification	Date and Revision No.
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

b. By inserting the information requested above, offeror certifies that the offered part number conforms in all respects to the specifications, drawings, and requirements herein cited or incorporated by reference.

c. If no part number information is inserted above by offeror, it is understood and agreed that offeror will supply only the part number called out in the Schedule, and that such part has no other code or designation for purpose of offeror's commercial sales.

I-42 NOTICE TO OFFERORS INTENDING TO OFFER OTHER THAN NEW MATERIAL (NEGOTIATED)
52.211-4047 (AUG 1994)

a. It is the intent of the Government to acquire only new material (i.e. supplies and components which are new (not used, reconditioned or surplus) and not of such age or so deteriorated as to impair their usefulness or safety) under this solicitation. If an offeror intends to provide used or reconditioned material, residual inventory, or former United States Government surplus property, the offer must:

- (1) Provide a separate attachment describing the offered material, as required in FAR provision 52.210-6, LISTING OF USED OR RECONDITIONED MATERIAL, RESIDUAL INVENTORY AND FORMER GOVERNMENT SURPLUS PROPERTY.

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(2) Indicate which category the material offered falls into, either:

A. New, Unused United States Government Surplus Property. This is defined as material produced under a United States Government contract and sold through the Defense Property Disposal Service (DPDS) as new surplus property.

B. Used or Reconditioned Material. Used material is defined as material that has been used and has not been reconditioned. Reconditioned material is defective material which has been corrected and brought up to specifications prior to its being offered to the Government.

C. Residual Inventory. This is defined as inventory from a terminated Government contract. An offeror who intends to furnish residual inventory must provide the Government contract number of the terminated contract and name of original contractor.

(3) If new, unused, United States Government surplus property is offered, provide copies of the original sale documentation relating to the purchase of the material, showing;

- A. Year material was purchased.
- B. Depot sale number, and
- C. Condition of material at time of sale.

(4) Include a statement that the offeror has examined the item(s) and determined that they meet the latest revision to the TDPL, as listed in Section B of this solicitation.

b. In addition, the offeror may be required to meet specific marking, inspection and testing requirements beyond those contained in this solicitation. Such additional requirements, if applicable, will be negotiated with the offeror before award and included in any resulting contract.

I-43 NOTICE REGARDING "SOURCE-CONTROLLED" COMPONENTS
52.211-4051

(NOV 1982)

a. Offeror's attention is directed to the provision entitled ACQUISITION OF MANUFACTURER'S PART NUMBER: COMPONENTS in this solicitation. At least one component of the item to be purchased under this acquisition is restricted to specified manufacturer's part numbers as set forth in the Technical Data Package. It shall be the responsibility of each offeror to ensure the availability of sufficient quantities of such source-controlled components before tendering an offer in response to this solicitation. Except as described in paragraph b. below, offers that propose to substitute alternatives to the source-controlled components, even if the substitute items are represented as equivalent in all respects to the source-controlled components, will not be considered for contract award.

b.(1) If the following conditions are met, a firm may submit an offer conditioned on acceptance by the Government of alternatives to the source-controlled component(s) listed in the Technical Data Package:

- (a) Prior to receipt of this solicitation, the firm must have received written TACOM approval of a test procedure on its proposed equivalent component.
- (b) The firm must indicate in its offer the date of the written TACOM approval, and the name and title of the approving official.
- (c) The firm must certify in its offer that it is in the process of having its item independently tested per the approved test procedure to demonstrate full physical, functional, and mechanical interchangeability of its part with an already-approved part cited in this solicitation, or that it is awaiting final TACOM engineering approval of the summary report furnished at the conclusion of testing; and
- (d) The firm must have secured final written approval of its part from TACOM engineering by the time of bid opening, (in the case of formally advertised acquisitions), or by the time of contract award, (in the case of negotiated acquisitions).

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(2) Notwithstanding the foregoing, the Government expressly reserves to the Procuring Contracting Officer the right to waive the above conditions in making an award when it is clearly established, in his sole discretion, that written approval of a nonlisted part from TACOM engineering can be obtained without delay in the anticipated date of award.

When either of the foregoing conditions (paragraphs b(1) or b(2) above) are met, the Government reserves the right to make an award where use of the equivalent item is authorized in lieu of the source-controlled item. Where the foregoing conditions are not met, offeror will not be eligible for award unless he agrees to furnish the source-controlled item(s) from the indicated source(s).

c. Any firm that manufactures or regularly sells an item which it views as equivalent in all respects to one of our required components, but that has not initiated approved qualification testing in order to demonstrate that its part is totally equivalent to the required component, is referred to the notice entitled PART NUMBERS NOT CURRENTLY APPROVED, which is located elsewhere herein.

I-44 SOURCE NOTES ON DRAWINGS: CONFORMANCE TO MILITARY TECHNICAL DATA REQUIREMENTS
52.211-4052

(JAN 1984)

Notwithstanding the fact that ordnance drawings furnished with this solicitation may list particular manufacturer part numbers as approved sources, or as being the same as, or equivalent to, the ordnance part described on the drawing, the item to be supplied under this solicitation must conform to all specific technical requirements expressed on such drawing(s). To the extent that there may be any inconsistency between a manufacturer's part number and specific technical requirements expressed on an ordnance drawing which references the manufacturer's part number, the specific technical requirements shall control and take precedence. Offerors shall bear the responsibility of verifying that the approved part as supplied will conform with all such specific technical requirements.

I-45 QUOTER IDENTIFICATION
52.213-4001

(FEB 1995)

Quoter shall enter below the name, job position/title, telephone number, and signature of the person authorized to sign this quotation:

Name: _____

Title: _____

Telephone number (include area code): _____

Signature: _____

DATE: _____

I-46 DRAWINGS, SPECIFICATIONS, AND MINIMUM INSPECTION CRITERIA
52.213-4003

(FEB 1995)

The supplies to be furnished hereunder shall conform in all respects to the drawings, specifications and requirements herein cited or referred to, including any specific requirements for packaging, packing, and marking. In the event that the supplies described herein specify a manufacturer's part number in lieu of a Federal or Military drawing specification, the references to "specifications" and "drawings" herein shall be deemed to include all changes or revisions thereto which are current at the

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time of delivery under this contract. As a minimum, inspection of supplies offered for acceptance under this contract shall consist of an examination by the Government to determine that the items:

- (i) conform with the purchase description as to type and kind;
- (ii) are present in the correct quantity;
- (iii) are not damaged;
- (iv) are operable, if operability is readily determinable; and
- (v) are correctly marked and packaged.

I-47 VERIFICATION OF FOREIGN MILITARY SALES (FMS) ADDRESSES
52.225-4000

(FEB 1995)

At least 10 days prior to the first shipment of supplies under this contract, the Contractor shall submit a written request, in duplicate, to the cognizant Transportation Office via the Administrative Contracting Officer (ACO) for verification of the FMS "ship-to" address(es) contained in this contract, in accordance with AMC FAR Supplement 47.305-100.

I-48 APPLICABILITY OF FEDERAL EXCISE TAX
52.229-4000

(FEB 1995)

Offeror is hereby placed on notice that Federal Excise Tax (FET) IS NOT applicable to the contract item as set forth elsewhere in this Request for Quotations/Purchase Order.

Since FET is not applicable, it shall not be included in any quoted price given in response to the solicitation.

I-49 INSPECTION AND ACCEPTANCE POINTS: ORIGIN
52.246-4005

(FEB 1995)

The Government's inspection and acceptance of the supplies offered under this order shall take place at ORIGIN. Offeror must specify below the exact name and address of his facility, or his subcontractor's facility, where supplies to be furnished under this order will be available for origin inspection

Contractor's Plant: _____
(Name and Address)

Subcontractor's Plant: _____
(Name and Address)

I-50 INSPECTION POINT: ORIGIN ACCEPTANCE POINT: DESTINATION
52.246-4006

(FEB 1995)

The Government's inspection of the supplies offered under this order shall take place at ORIGIN. The Government's acceptance of the supplies offered under this order shall take place at DESTINATION. Offeror must specify below the exact name and address of his facility, or his subcontractor's facility, where supplies to be furnished under this order will be available for origin inspection

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Contractor's Plant: _____
 (Name and Address)

Subcontractor's Plant: _____
 (Name and Address)

I-51 DEPOT ADDRESS FOR THE APPLICABLE MODE OF SHIPMENT: IN-THE-CLEAR ADDRESSES
 52.246-4010 (FEB 1995)

Rail/	MILSTRIP			
Motor	Address	Rail	Motor	Parcel Post
<u>SPLC</u> ***	<u>Code</u>	<u>Ship To:</u>	<u>Ship To:</u>	<u>Mail To:</u>
206721/	W25G1U	Transportation Officer	Transportation Officer	Transportation Officer
209405		Defense Dist Depot Susquehanna New Cumberland, PA	Defense Dist Depot Susquehanna New Cumberland, PA	Defense Dist Depot Susquehanna New Cumberland, PA 17070-5001
875670/ 875675	W62G2T	Transportation Officer Dist Depot San Joaquin Stockton, CA	Transportation Officer Dist Depot San Joaquin Stockton, CA	Transportation Officer Dist Depot San Joaquin P O Box 96001 Stockton, CA 95296-0130
471995/ 471996	W31G1Z	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Anniston, AL 36201-5021
209741/ 209770	W25G1R	Transportation Officer Letterkenny Army Depot, Culbertson, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA 17201-4150
661136/ 661157	W45G19	Transportation Officer Red River Army Depot, Defense, TX	Transportation Officer Red River Army Depot, Texarkana, TX	Transportation Officer Red River Army Depot, Texarkana, TX 75507-5000
764538/ 764535	W67G23	Transportation Officer Tooele Army Depot, Warner, UT	Transportation Officer Tooele Army Depot, Tooele, UT	Transportation Officer Tooele Army Depot, Tooele, UT 84074-5003

***SPLC indicates Standard Point Locator Code.

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I-52 EXAMINATION/TEST DOCUMENTATION
52.246-4022

(NOV 1982)

To the extent the SQAPs, QARs, QAPs, and/or the specifications specify requirements for Initial Production Approval, Pre-production Approval, First Piece, and/or First Article Inspection, which require the Contractor to perform stated examinations and/or tests, the Contractor shall fully document, and maintain for Government review and evaluation, the conduct of his examinations/tests and the results thereof.

In the event the Contractor fails to provide the above documentation, when requested, or the documentation fails to evidence satisfactory results, the Government shall have the right to refuse to inspect and/or accept any contract items offered for acceptance.

I-53 MARKING REQUIREMENTS FOR EXPORT SHIPMENT
52.247-4004

(MAY 1986)

Notwithstanding other requirements in this purchase order with respect to marking of shipments, all shipments moving through air or water terminals to destinations outside the U.S.A. will be marked in accordance with the requirements of DOD 4500.32-R, Military Standard Transportation and Movement Procedures (MILSTAMP), and MIL-STD-129, Military Standard Marking for Shipment and Storage. The Contractor agrees to use Government-supplied DD Forms 1387 (Military Shipment Labels) or DD Forms 1387-1 (Military Shipping Tags) for such shipments, as appropriate per the guidance in MIL-STD-129, and agrees to comply with shipping and marking instructions issued by the Administrative Contracting Officer (ACO). The proper marking of export shipments as discussed herein must be accomplished in conjunction with the requirements of FAR 52.247-52, CLEARANCE AND DOCUMENTATION REQUIREMENTS--SHIPMENTS TO DOD AIR AND WATER TERMINAL TRANSSHIPMENT POINTS, which is referenced elsewhere in this purchase order.

I-54 SPECIAL QUALITY ASSURANCE REQUIREMENTS
TACOM

(SEP 1978)

Quality assurance provisions that apply to this acquisition are contained in the Technical Data Package (TDP). See the TDP for additional information.

I-55 SUPPLEMENTAL STATEMENT OF WORK: TAILORNG OF MIL-C-53072 TO ELIMINATE USE OF CIODS
TACOM

(OCT 1994)

The following change applies to MIL-C-53072B (dated 2 Sep 92) which is included in the technical data package or specification for this contract. In MIL-C-53072B: (1) paragraph 3.4.1.4 gives directions for mixing MIL-P-23377 primer; (2) paragraph 3.5.1.4 gives directions for mixing MIL-C-46168 topcoat, and (3) paragraph 3.5.2.4 gives directions for mixing MIL-C-53039 topcoat. These three paragraphs require the use of methyl chloroform, a CIODS.

(1) When complying with the requirement of paragraph 3.4.1.4 of MIL-C-53072B, YOU SHALL NOT use MIL-P-23377, Class 3 primers.

(2) When complying with the requirements of paragraph 3.5.1.4 of MIL-C-53072B, YOU SHALL COMPLY with MIL-C-46168D, Amendment 3 (dated 21 May 93).

(3) When complying with the requirements of paragraph 3.5.2.4 of MIL-C-53072B, YOU SHALL COMPLY with MIL-C-53039A, Amendment

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2 (dated 19 May 93).

(END OF CLAUSE9

I-56 CONDITION FOR ASSIGNMENT
TACOM

(DEC 1991)

This Purchase Order may not be assigned pursuant to the Assignment of Claims Act of 1940, as amended (31 U.S.C. 3727, 41 U.S.C. 15), unless the contractor has accepted this Order by executing the Acceptance hereon.

I-57 SUPPLEMENTAL STATEMENT OF WORK: TAILORING OF FF-B-575 TO ELIMINATE USE OF CIODS
TACOM

(JUL 1995)

The following change applies to FF-B-575C, dated 26 May 70, which is in the technical data package (TDP) or specification for this contract. Paragraph 3.3.3 of FF-B-575C indirectly requires the use of MIL-T-81533 (a Class I Ozone-Depleting Substance, or CIODS) as a cleaning solvent when it references DoD-P-16232. Therefore, to minimize the use of CIODS per current law, FF-B-575C is changed as follows:

When meeting the requirements of DoD-P-16232, as referenced in paragraph 3.3.3 of FF-S-575B, you shall delete 1,1,1-trichloroethane as an option in paragraphs 4.8.4.1 and 4.8.5(b), and replace 1,1,1-trichloroethane with P-D-680 for the requirements of paragraph 4.8.6.2.2(b).

(END OF CLAUSE)

I-58 SUPPLEMENTAL STATEMENT OF WORK: TAILORING OF MIL-P-53084 TO ELIMINATE USE OF CIODS
TACOM

(JUN 1995)

The following change applies to MIL-P-53084, dated 20 Jul 88, which is part of the technical data package or specification for this contract, and which includes the following references to Class I Ozone-Depleting Substances, or CIODS:

- (a) Paragraph 4.3.2 references TT-C-490;
- (b) Paragraphs 4.8.5 and 4.8.11 require topcoating per MIL-C-46168 or MIL-C-53039.

Therefore, to minimize the use of CIODS per current law, MIL-P-53084 is modified as follows:

- (a) When meeting the requirements of paragraph 4.3.2, you shall comply with TT-C-490D, Interim Amendment 1, dated 14 Sep 94.
- (b) When meeting the requirements of paragraphs 4.8.5 and 4.8.11, you shall comply with MIL-C-46168D, Amendment 3, dated 21 May 93 or MIL-C-53039A, Amendment 2, dated 19 May 93.

(END OF CLAUSE)

I-59 SUPPLEMENTAL STATEMENT OF WORK: TAILORING OF MIL-P-53030 TO ELIMINATE USE OF CIODS
TACOM

(JUN 1995)

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This change applies to MIL-P-53030A, Amendment 2, dated 20 Aug 92, which is part of the technical data package or specification for this contract, and which includes the following references to Class I Ozone-Depleting Substances, or CIODS:

- (a) Paragraph 4.3.2 requires phosphating per TT-C-490;
- (b) Paragraph 4.3.20 requires topcoating per MIL-C-46168 or MIL-C-53039.

Therefore, to minimize the use of CIODS per current law, MIL-P-53030A is modified as follows:

(a) When meeting the requirements of paragraph 4.3.2, you shall comply with TT-C-490D, Interim Amendment 1, dated 14 Sep 94.

(b) When meeting the requirements of paragraph 4.3.20, you shall comply with MIL-C-46168D, Amendment 3, dated 21 May 93 or MIL-C-53039A, Amendment 2, dated 19 May 93.

(END OF CLAUSE)

I-60 SUPPLEMENTAL STATEMENT OF WORK: TAILORING MIL-STD-130 TO ELIMINATE USE OF CIODS
TACOM

(JUL 1995)

The following change applies to MIL-STD-130H, dated 1 Dec 93, which is part of the technical data package (TDP) or specification for this contract. Table II requires marking with epoxy ink per MIL-I-43553, which employs a Class I Ozone-Depleting Substance, or CIODS. Therefore, in order to minimize the use of CIODS per current law, MIL-STD-130 is modified as follows:

When complying with Table II of MIL-STD-130H, you shall meet the requirements of MIL-I-43553B, Amendment 1, dated 23 Jun 94.

End of Clause

I-61 SUPPLEMENTAL STATEMENT OF WORK: TAILORING OF MIL-STD-193 TO ELIMINATE USE OF CIODS
TACOM

(SEP 1995)

The following change applies to MIL-STD-193L, dated 27 Aug 91, which is part of the technical data package or specification for this contract. The following references to Class 1 Ozone-Depleting Substances, or CIODS, are part of MIL-STD-193L:

- a. Numerous paragraphs reference MIL-C-53072;
- b. Table I references MIL-P-23377, MIL-L-46010 and MIL-STD-186;
- c. Table IV references MIL-C-81751;
- d. Table V references MIL-A-81801.

Therefore, in order to eliminate the use of CIODS, MIL-STD-193L is changed as follows:

a. For paragraph 3.4.1.4 of MIL-C-53072B and all references to MIL-P-23377 in Table I of MIL-STD-193L, comply with MIL-P-23377G, dated 30 Sep 94;

b. For paragraph 3.5.1.4 of MIL-C-53072B and all references to MIL-C-46168, comply with MIL-C-46168D, Amendment 3, dated 21 May 93;

c. For paragraph 3.5.2.4 of MIL-C-53072B and all references to MIL-C-53039, comply with MIL-C-53039A, Amendment 2, dated 19 May 93;

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- d. For all references to MIL-L-46010 in Table I of MIL-STD-193L, comply with MIL-L-46010D, dated 2 Dec 94;
- e. For paragraph 4.7 of MIL-STD-186E, delete 1,1,1-trichloroethane as an optional solvent;
- f. For paragraph 5.1.1.2 of MIL-STD-186E, delete MIL-C-81302 as an optional solvent;
- g. For all references to MIL-C-81751 in Table IV of MIL-STD-193L, comply with MIL-C-81751B, Amendment 1, dated 12 Jan 94;
- h. For all references to MIL-A-81801 in Table V of MIL-STD-193L, comply with MIL-A-81801A, dated 12 Jan 94.

(End of Clause)

I-62 SUPPLEMENTAL STATEMENT OF WORK: TAILORING OF MIL-P-514 TO ELIMINATE USE OF CIODS
TACOM (SEP 1995)

The following change applies to MIL-P-514D, Amendment 2, dated 7 Jul 71, which is part of the technical data package or specification for this contract. Paragraphs 3.2.5 and 3.6 reference GG-P-455 and paragraph 4.6.3.2(f) requires immersion testing in paint remover per TT-R-251 which employ Class 1 Ozone-Depleting Substances, or CIODS. Therefore, in order to eliminate the use of CIODS, MIL-P-514D, Amendment 2 is changed as follows:

- a. When meeting the requirements of paragraphs 3.2.5 and 3.6 of MIL-P-514D, Amendment 2, delete the carbon tetrachloride immersion test required in paragraph 3.7.1.10 of GG-P-455B, Amendment 2.
- b. Delete the immersion test of paragraph 4.6.3.2(f) of MIL-P-514D, Amendment 2.

(End of Clause)

I-63 OFFERORS' DATAFAX NUMBER
TACOM (MAR 1995)

If you have a data fax number, please provide it below.

I-64 HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT (MIL-I-45208 OR ISO EQUIVALENT)
TACOM (JAN 1995)

(a) Definition. Contract date, as used in this clause, means the date set for bid opening or, if this is a negotiated contract or a modification, the effective date of this contract or modification.

(b) You shall comply with the specification titled Inspection System MIL-I-45208, or with Quality Systems - Model for Quality Assurance in Production Installation and Servicing ISO 9002 in effect on the contract date, which is incorporated into this contract.

(END OF CLAUSE)

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I-65 SUBSTITUTING COMMERCIAL TEST RESULTS FOR REQUIRED CONTRACT TESTS
TACOM

(JAN 1995)

1. GENERAL. At your request, we may delete all or some of the Government or contractor conducted tests required by this contract, under the following conditions:

a. You (or your supplier) have previously supplied the identical item to us and we've accepted it, or:

b. You have commercial test reports, performance data, analytical data, or vendor reports demonstrating that the item meets the contract requirements.

2. HOW TO SUBMIT A TEST DELETION REQUEST.

a. BEFORE CONTRACT AWARD - Submit your request along with your bid or proposal. Make sure that your bid or proposal includes an alternate price (that reflects how your bid or proposal price would change if we approved your request). If we approve your request to delete test requirements or substitute commercial testing procedures, we will evaluate your offer at the alternate price submitted with your request. If you don't submit an alternate price with your request, we'll evaluate your offer at the price indicated in Section B of the solicitation. No adjustments will be made to the price after contract award.

b. AFTER CONTRACT AWARD - Send your requests to (insert office symbol and address) at least 45 days before you're scheduled to make delivery of the affected end item.

c. ALL REQUESTS MUST -

- (1) identify the test(s) you want deleted;
- (2) state the basis for your request;
- (3) include a list of configuration changes made;
- (4) demonstrate that you meet the conditions in paragraph 1a or 1b above;
- (5) if request is prior to award, include an alternate price per paragraph 2a above;
- (6) include proposed amount of equitable adjustment (if change is requested after award)

3. SUPPORTING DATA. If we agree to delete a test or tests, you must keep the data you used to support your request for four years from the day we approved your request. You must provide us with this data if we ask for it.

4. CONTRACT ADJUSTMENT. If we agree to delete a test or tests after contract award, we may negotiate an equitable adjustment in the contract priced, under the "Changes" clause of this contract.

(END OF CLAUSE)

I-66 SUPPLEMENTAL STATEMENT OF WORK: FASTENER QUALITY ASSURANCE REQUIREMENTS
TACOM

(SEP 1992)

a. This clause establishes quality assurance requirements for all threaded steel fasteners of Grade 5 and higher (as defined by SAE-J429) and metric fasteners with strength designations of 8.8 and higher that are to be used in items procured from either a Government or contractor owned Technical Data Package. It applies to fasteners received (i) from fastener manufacturers, (ii) from distributors or (iii) as part of a subassembly for use in both new and repair items.

b. The contractor shall implement and maintain a fastener quality assurance program which:

(i) Assures the homogeneity of fastener lots. A homogeneous fastener lot is defined as one in which all of the fasteners are of the same size, type, grade, plating and manufacturer.

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(ii) Ensures that individual fasteners are identified by a fastener manufacturer symbol (logo). The manufacturer's symbol (logo) shall be listed in MIL-HDBK-57, dated 29 Sep 89.

(iii) Provides objective quality evidence that the fasteners to be furnished under this contract meet all technical requirements.

c. To determine the conformance of the fastener lots with the homogeneity and identification requirements, a sample from each lot of fasteners will be taken in accordance with MIL-STD-105 dated 10 May 89, Inspection Level II, AQL 1.0, or equivalent, except that lots shall be accepted with zero (0) defects (C=0) and rejected with one (1) or more defects. Each sample shall be examined for the following:

(i) The grade and manufacturer symbol (logo) for each bolt in the lot sample shall be the same.

(ii) Threads shall be examined to assure conformity to requirements.

(iii) Plating (when specified) shall be examined to assure complete coverage.

d. Objective quality evidence that fasteners meet all technical requirements shall consist of either:

(i) Favorable chemical, core hardness, plating and tensile test data provided by the manufacturer or supplier of a fastener lot which is directly traceable to that lot. Chemical tests shall include, as a minimum, percent by weight of the following elements: carbon, manganese, phosphorus and sulfur;

or

(ii) Favorable results of chemical and core hardness tests performed by the contractor or a subcontractor on sample(s) taken from the lot. Sampling for chemical, plating and core hardness testing shall be in accordance with MIL-STD-105, Level S-2, AQL 1.0 or equivalent. Chemical tests shall include, as a minimum, percent by weight of the following elements: carbon, manganese, phosphorus and sulfur.

e. For item(s) procured using a Government Technical Data Package, Grade 8.1 or 8.2 fasteners are not an acceptable substitute for Grade 8 fasteners.

f. Commercial items, defined as an end item or component of an end item whose sales volume to the general public is greater than 50% of the items produced, will be deemed to meet the requirements of this clause if the contractor has a current vendor control policy with regard to fasteners.

Note: During maintenance or repair, the Government will use Grade 8, zinc plated bolts from Government stocks as replacements for any Grade 5 or Grade 8.2 bolt used in commercial items.

(End of clause)

I-67 METHODS OF SHIPMENT
TACOM

(SEP 1978)

The Contractor will request:

(i) Government Bills of Lading and

(ii) routing and other instructions, including MILSTAMP (Military Standard Transportation and Movement Procedure), as to the methods of shipment to be followed by the Contractor, or

(iii) authorization to ship on Commercial Bills of Lading to be converted to Government Bills of Lading at destination

from the transportation office, administering DCMC, ten days in advance of the date on which materiel is ready for shipment. Appropriate forms for said requests shall be furnished to the Contractor by the cognizant DCMC. The Contractor shall prepare and address said forms as directed by the Administrative Contracting Officer (ACO) or his duly authorized representative.

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I-68 SUPPLEMENTAL STATEMENT OF WORK: TAILORING OF MIL-L-61002 TO ELIMINATE USE OF CIODS
TACOM

(JUL 1996)

The following change applies to MIL-L-61002, Amendment 1, dated 10 Jan 92, which is part of the technical data package (TDP) or specification for this contract. Paragraph 4.6.3.2 requires immersion testing in methyl chloroform, a Class I Ozone-Depleting Substance, or CIODS. Therefore, in order to eliminate the use of CIODS, MIL-L-61002 is changed as follows:

When meeting the requirements of MIL-L-61002, Amendment 1, delete the immersion testing requirements of paragraph 4.6.3.2.

(END OF CLAUSE)

I-69 SUPPLEMENTAL STATEMENT OF WORK: TAILORING OF MIL-STD-129 TO ELIMINATE USE OF CIODS
TACOM

(JUL 1996)

The following change applies to MIL-STD-129M, dated 15 Jun 93, which is part of the technical data package (TDP) or specification for this contract. The following references to Class I Ozone-Depleting Substances, or CIODS, are part of MIL-STD-129M:

- a. Paragraphs 3.27 and 3.28 reference MIL-P-116;
- b. Paragraphs 5.1.1.2 and 5.1.1.3 reference MIL-C-46168 and MIL-C-53039;
- c. Numerous paragraphs require labels per MIL-L-61002.

Therefore, in order to eliminate the use of CIODS, MIL-STD-129M is changed as follows:

- a. For paragraphs 3.27 and 3.28, comply with MIL-P-116J, Amendment 2, dated 18 Aug 93.
- b. For paragraphs 5.1.1.2 and 5.1.1.3, comply with both MIL-C-46168D, Amendment 3, dated 21 May 93 and MIL-C-53039A, Amendment 2, dated 19 May 93.
- c. For paragraph 4.6.3.2 of MIL-L-61002, Amendment 1, dated 10 Jan 92, delete the immersion testing requirements for all references to MIL-L-61002.

(END OF CLAUSE)

I-70
i DETENTION OF CARRIER'S EQUIPMENT
TACOM

(SEP 1978)

The Contractor and subcontractor(s) shall allow the prompt and convenient access of carrier's equipment to loading docks or platforms where the supplies to be shipped will be placed for loading. Any charges for detention of carrier's equipment shall be for the account of the Contractor, except when the detention is required or caused by the Government.

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PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

SECTION J - LIST OF ATTACHMENTS

J-1 LIST OF ATTACHMENTS AND EXHIBITS

<u>Attachment/Exhibit ID</u>	<u>Title</u>	<u>Date</u>	<u>Number</u>	<u>Transmitted By</u>
Attachment 001	CD-ROM CONTAINING ALL TECHNICAL DATA.			